

### REMARKS

The presently claimed invention features methods for determining whether an individual has the 6/6 genotype, the 6/7 genotype, or the 7/7 genotype at the UDP glucuronosyltransferase subfamily 1 (UGT1) locus. Such determinations are useful, for example, in the design and conduct of clinical trials because certain genotypes are associated with increased serum bilirubin, for example, under conditions of restricted diet.

Claims 2-14 have been cancelled. New claims 15-20 have been added. Support for new claim 15 is found throughout the specification, for example, at pages 12-13 and in Figure 1. Support for new claims 16-20 is found throughout the specification, for example, at pages 3-5.

Applicant appreciates the notification that the Examiner finds claim 13 to be allowable because the claim specifies primer pairs that are not found in prior art.

### Rejections Under 35 U.S.C. §103

The Examiner rejected claim 12 as obvious in view of Bosma et al. (*New England J. Med.* 333:1171, 1995) taken with the Stratagene Catalog (1988). Claim 12 has been cancelled, obviating this rejection.

The Examiner rejected claims 2-11 and 14 as obvious in view of Bosma et al. (*supra*) taken with Sibille et al. (*Eur. J. Clin. Pharmacol.* 39:475, 1990). Claims 2-11 and 14 have been cancelled, obviating this rejection.

### New Claims 15-20

New claims 15-20 are drawn to methods for determining whether an individual has the 6/6 genotype, the 6/7 genotype, or the 7/7 genotype at the UDP glucuronosyltransferase subfamily 1 locus. All of the presently claimed methods entail the use of certain specific primer pairs used to amplify genomic DNA. Accordingly, it is believed that new claims 15-20 are allowable.

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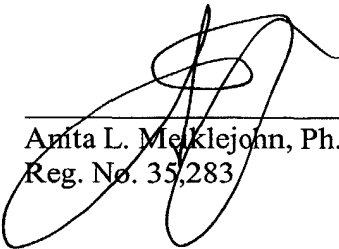
Conclusion

Attached is a marked-up version of the changes being made by the current amendment.

Applicant asks that all claims be allowed. Enclosed is a Petition for Extension of Time with the appropriate fee. Also enclosed is an executed Revocation and New Power of Attorney for this application. **Please direct all future correspondence to the undersigned attorney at the address listed below.** Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 31 July 02

  
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